

A Sustainable Solid Waste System

A Presentation to the
Commission on Local Governmental Services

April 2, 2013



Department of Public Works
Environmental Programs Division

Overview

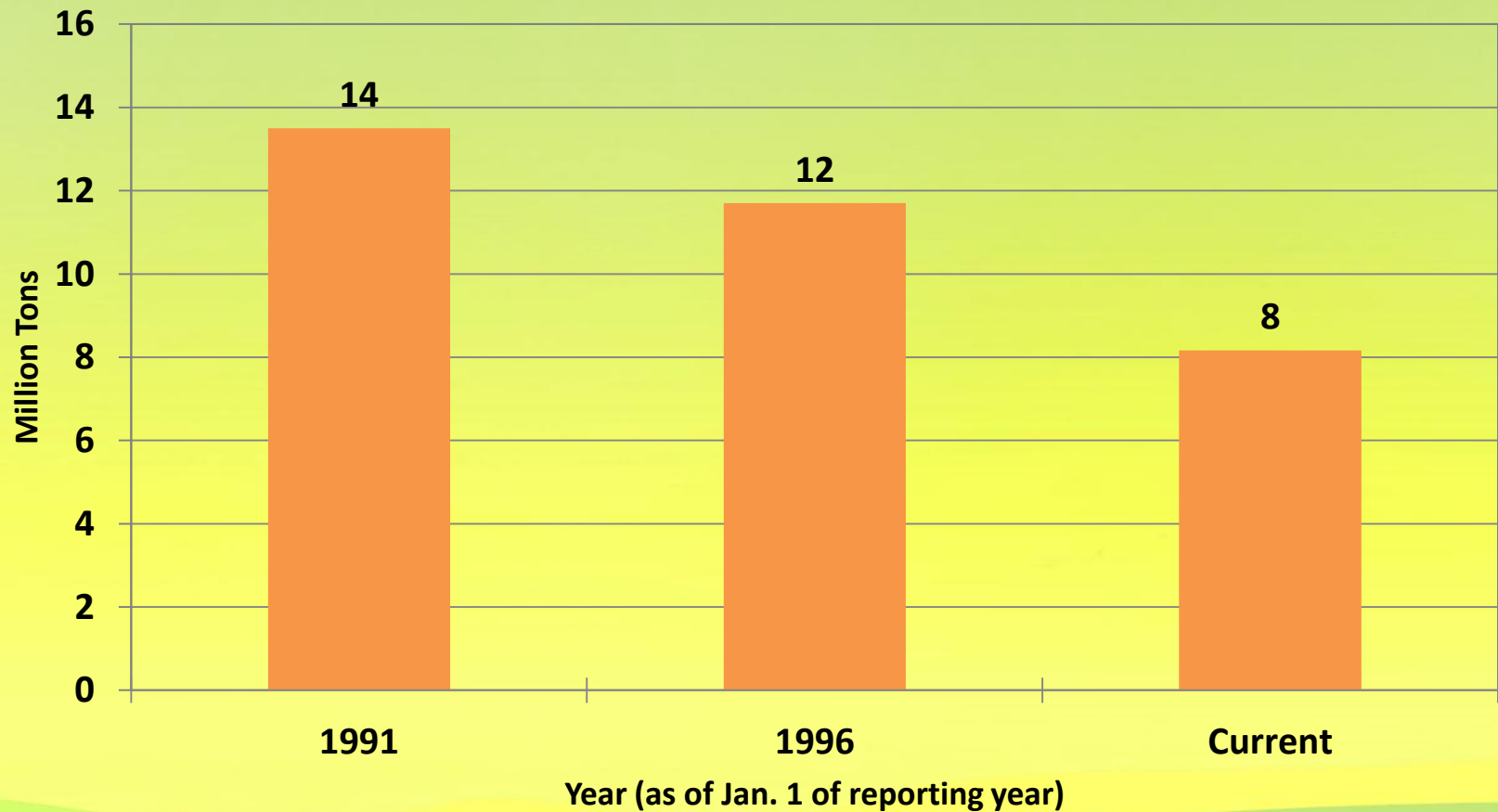
- Role of the Department of Public Works
- Where We Are Today
- Long-Term Strategy
- Closure of Puente Hills Landfill
- Next Steps

Role of the Department of Public Works

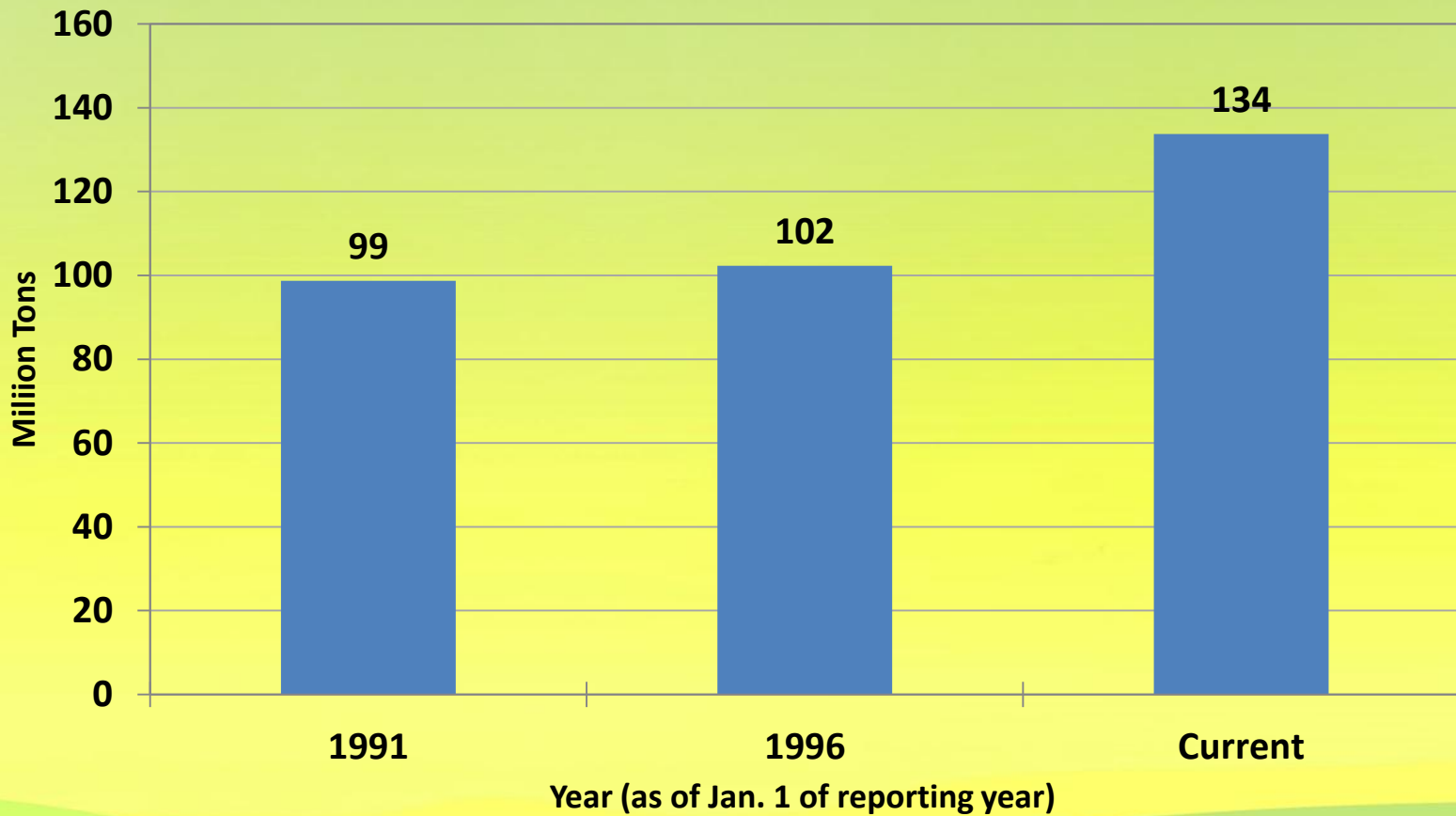
- Advise the Board on Waste Management Issues
- Implement Waste Reduction Programs
- Disposal Capacity Planning
- Assist with Permitting of Solid Waste Facilities



Annual Disposal Rate



Permitted In-County Landfill Capacity

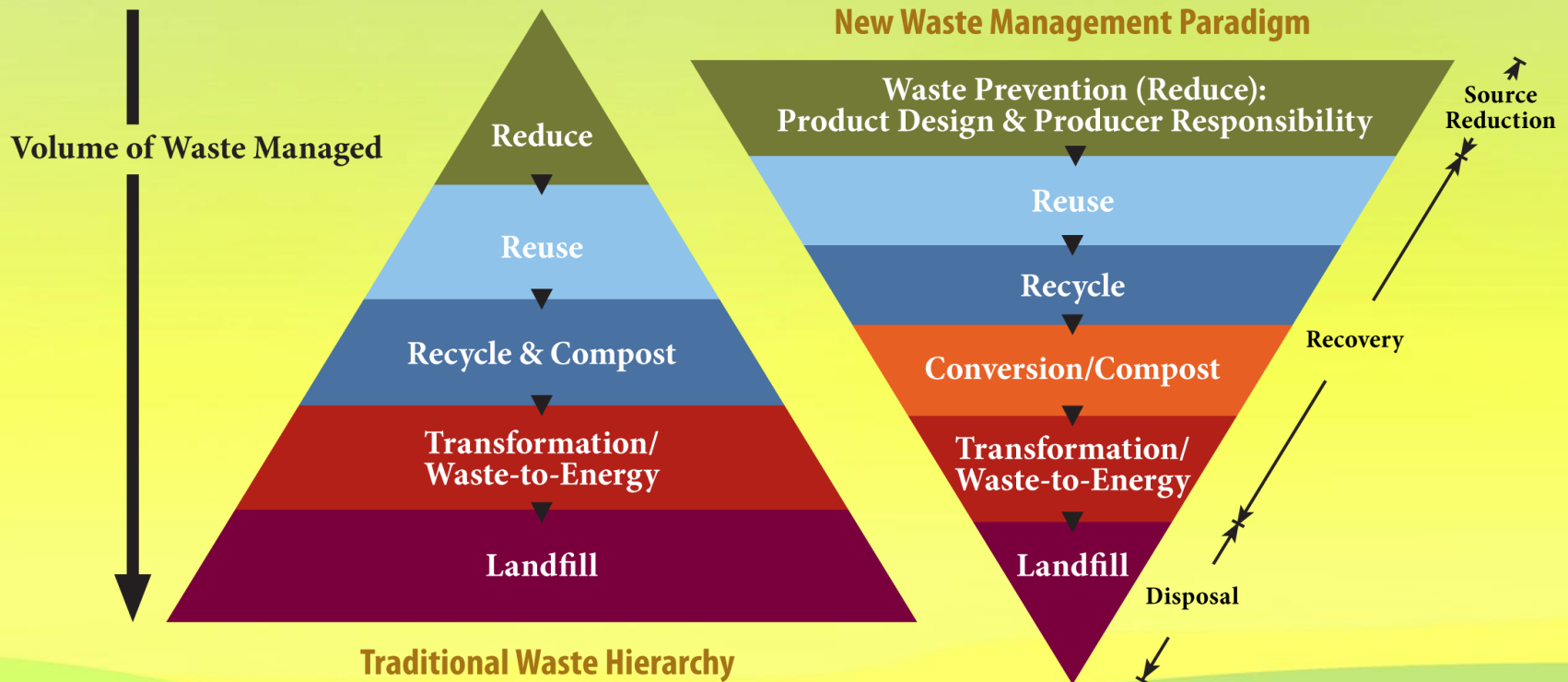


Where We Are Today

- ✓ County's disposal needs are being met
- ✓ Solid waste system is competitive
- ✓ Waste-by-Rail System is near completion
- ✓ Waste diversion efforts are ongoing
- ✓ Conversion technologies

Long-Term Strategy

New Waste Management Paradigm



Long-Term Strategy

Expand Waste Reduction and Recycling

- Product Stewardship and Extended Producer Responsibility
- Commercial Franchise
- Residential Franchise
- Expand Recycling Programs
- Enhance Countywide HHW Program

Long-Term Strategy

Develop Conversion Technologies (CT)

- ✓ Assisted 11 jurisdictions and 9 private companies through various stages of project development.
- ✓ Technical and grant procurement assistance to first Southern CA-based CT project—to break ground in 2013.
- ✓ Build coalition of cities and state agencies in support of CTs.
- ✓ Hosted a CT policy workshop on November 26, 2012 at Department of Public Works HQ.
- ✓ Sponsor CT legislation: SB 804 (D-Lara)



Long-Term Strategy

CT's Role in Long-Term Sustainability

Environmental Benefits

- Reduced air emissions
- Increased landfill diversion
- Increased recycling and material recovery

Economic Benefits

- Production of energy and biofuels
- Green collar job creation (construction and operation jobs)

Community Benefits

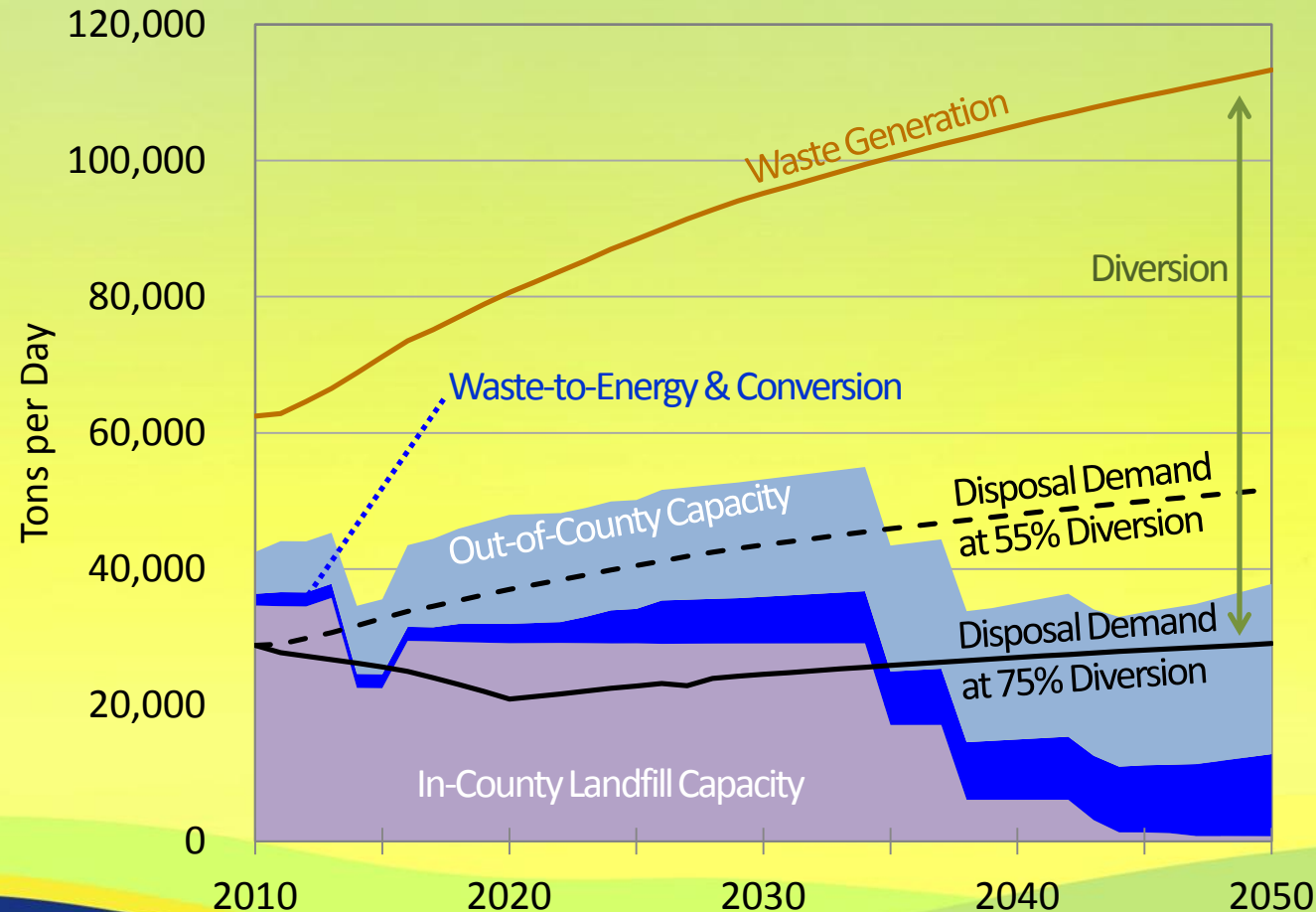
- Reduced truck traffic through communities
- Local options for waste management

Long-Term Strategy

Expand In- and Out-of-County Capacity

- Support City of Los Angeles' RENEW LA efforts
- Support continued operation of SERRF & CREF
- In-County landfill expansions (if environmentally and technically feasible)
- Waste-by-Rail System
- Out-of-County Landfills

Long-Term Outlook



- Diversion Rate up to 75%
- In-County landfill expansions
- Conversion technology is operational
- Waste-by-rail is operational

Closure of Puente Hills Landfill



- Closure has been accounted for in long-term projections.
- Anticipate higher costs due to tighter disposal market.
- Waste-by-Rail System aids in providing long-term security and an “upper ceiling” on rates.
- Diversion credit and funding loss.

Conclusion

- Increasing waste reduction and recycling is critical to long-term sustainability
- Must continue to support CTs and establish a clear permitting pathway
- Waste-by-Rail is essential to the County's long-term strategy
- County must lead by example

Next Steps

Conversion Technology

- Provide support to the 1st SoCal-based and Los Angeles County-based conversion technology projects (2013)
- Support passage of SB 804 (D-Lara)

Countywide Siting Element

- Revised the existing Siting Element

Chiquita Canyon Landfill Expansion

- Review proposal in collaboration with Regional Planning

Thank you